

ABSTRACT OF THE DISCLOSURE

An apparatus and a method for manufacturing a magnet roller makes it possible to remarkably reduce defects on the surface or the inside of a magnet roller and also to control "warp" of the magnet roller sufficiently so that it does not adversely affect the functions of the magnet roller. A metal mold for magnetic field injection molding is composed of two fixed mold counterparts and a movable mold counterpart. The movable mold counterpart is moved to increase the volume of the cavity of the metal mold as a resin-bonded magnet material is injected into the mold.

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